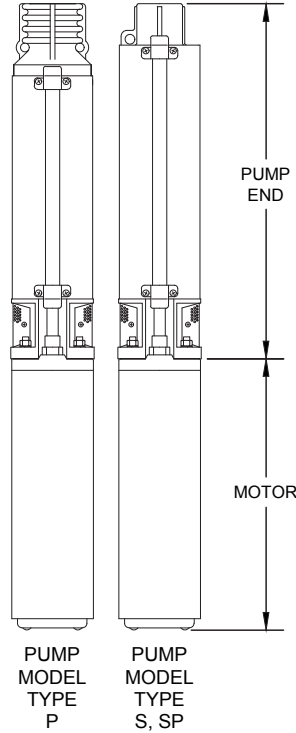




# SURVIVOR<sup>®</sup> T-SERIES 10 GPM

PUMP DIAMETER  
INCLUDING  
CABLE GUARD  
3.81"

PUMP END  
DISCHARGE  
1.25" FNPT



## T SERIES - 10 GPM

60 Hz, 3450 rpm

Pump Model	HP	Pump End		Single-Phase Motors - 2-wire				Single-Phase Motors - 3-wire				Three-Phase Motors	
				LP Hydro-Force		FE Super Stainless		LP Hydro-Force		FE Super Stainless		FE Super Stainless	
		Length (inches)	Weight (LBS)	Length (inches)	Weight (LBS)	Length (inches)	Weight (LBS)	Length (inches)	Weight (LBS)	Length (inches)	Weight (LBS)	Length (inches)	Weight (LBS)
PT5007 ST5007 SPT5007	1/2	12.78	4.2 7.0 5.5	10.69	19.6	9.53	18	10.25	19.5	9.53	19	9.53	18
PT7510 ST7510 SPT7510	3/4	15.13	5.3 8.2 6.6	11.69	22.0	10.66	21	10.50	20.2	10.66	21	10.66	21
PT10012 ST10012 SPT10012	1	16.69	6.1 9.0 7.4	12.44	24.1	11.75	24	12.12	23.9	11.75	24	11.75	24
PT15017 ST15017 SPT15017	1-1/2	20.53	7.9 10.8 9.8	15.25	29.7	15.12	31	n/a	n/a	13.62	28	11.75	24
ST20021	2	24.53	12.7	n/a	n/a	n/a	n/a	n/a	n/a	15.12	33	13.62	28
ST30027	3	29.06	15.6	n/a	n/a	n/a	n/a	n/a	n/a	19.06	41	16.06	35

General notes for estimating only.

All Single-Phase motors are 230 Volt (FE Super Stainless 1/2 HP available 115 Volt OR 230 Volt).

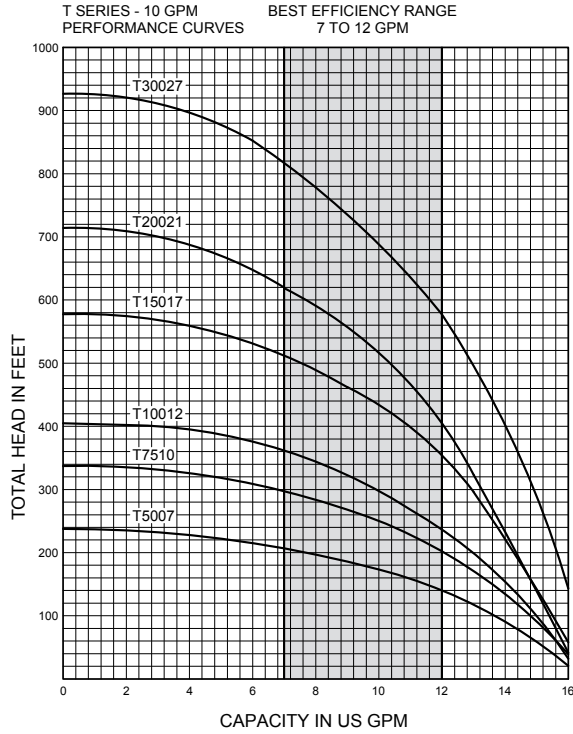
Single-Phase 3-wire motors require properly matched control box.

Three-Phase motors available: 200 OR 230 OR 460 Volt.

Three-Phase motors require a magnetic starter with three leg Class 10 overload protection.



# SURVIVOR<sup>®</sup> T-SERIES 10 GPM



**T SERIES - 10 GPM PERFORMANCE CHART**

Ratings are in GPM (Gallons per Minute).  
 DO NOT operate pump at flow rates indicated by the symbol — .  
 Shaded areas indicate most efficient performance.  
 Friction losses in discharge pipe and fittings are not included in these charts.

Pump Model	HP	PSI	Depth to Water in Feet																																	
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	400	440	480	520	560	600	640	680	720	760	800	840	880			
			T5007	1/2	0	—	—	15.0	14.4	13.7	12.9	11.8	10.7	9.5	7.8	5.6																				
20	14.8	14.2			13.4	12.5	11.5	10.4	9.1	7.2	4.7																									
30	14.1	13.3			12.4	11.3	10.3	8.8	6.8	4.2																										
40	13.2	12.2			11.2	10.1	8.5	6.5	3.4																											
50	12.0	11.0			9.8	8.3	6.2	2.0																												
60	10.8	9.6			8.0	5.8																														
Shut-off PSI			94	86	77	68	60	51	42	34	25	16	8																							
T7510	3/4	0	—	—	—	14.8	14.3	13.9	13.3	12.7	12.0	11.3	10.4	9.4	8.1	6.7	5.0																			
		20	—	15.1	14.7	14.3	13.8	13.2	12.5	11.8	11.1	10.2	9.1	7.7	6.2	4.3																				
		30	15.0	14.6	14.2	13.6	13.0	12.4	11.7	11.0	10.0	8.9	7.5	6.0	3.7																					
		40	14.5	14.1	13.5	12.9	12.3	11.6	10.8	9.8	8.7	7.3	5.7	3.0																						
		50	14.0	13.4	12.8	12.2	11.5	10.7	9.7	8.5	7.0	5.5																								
		60	13.4	12.7	12.1	11.4	10.5	9.5	8.2	6.8	5.2																									
Shut-off PSI			137	129	120	111	103	94	85	77	68	59	51	42	33	25	16	7																		
T10012	1	0	—	—	—	15.0	14.6	14.2	13.8	13.3	12.8	12.4	12.0	11.3	10.6	9.9	9.2	8.1	6.9	3.2																
		20	—	14.8	14.4	14.0	13.6	13.2	12.8	12.3	11.8	11.1	10.4	9.7	8.8	7.7	6.4	5.0																		
		30	15.1	14.8	14.4	14.0	13.5	13.1	12.7	12.2	11.7	11.0	10.3	9.6	8.7	7.5	6.3	4.6																		
		40	14.7	14.3	13.9	13.5	13.0	12.6	12.2	11.6	10.8	10.2	9.4	8.5	7.3	6.1	4.3																			
		50	14.3	13.8	13.4	13.0	12.5	12.1	11.4	10.8	10.1	9.3	8.3	7.2	5.9	4.0																				
		60	13.8	13.3	12.9	12.5	12.0	11.3	10.6	10.0	9.2	8.2	7.0	5.6	3.4																					
Shut-off PSI			166	158	149	141	132	123	115	106	97	89	80	72	63	54	46	37	28	20	2															
T15017	1-1/2	0	—	—	—	15.0	14.8	14.6	14.3	14.1	13.9	13.7	13.5	13.2	12.9	12.5	12.1	11.8	11.0	9.8	8.3	5.8	4.0													
		20	—	14.8	14.4	14.0	13.6	13.2	12.8	12.3	11.8	11.1	10.4	9.7	8.8	7.7	6.4	5.0																		
		30	—	14.9	14.6	14.4	14.1	13.9	13.6	13.3	13.1	12.7	12.3	11.9	11.6	11.2	10.7	10.1	8.7	7.1	5.0															
		40	—	14.9	14.6	14.3	14.1	13.8	13.6	13.3	13.0	12.7	12.3	11.9	11.5	11.2	10.6	10.1	9.3	7.8	5.9	2.0														
		50	15.1	14.8	14.6	14.3	14.1	13.8	13.5	13.3	13.0	12.6	12.2	11.8	11.5	11.1	10.5	10.0	9.2	8.5	6.8	4.5														
		60	14.8	14.5	14.3	14.0	13.8	13.5	13.3	12.9	12.6	12.2	11.8	11.4	11.0	10.5	9.8	9.1	8.3	7.5	5.6															
Shut-off PSI			241	233	224	215	206	198	189	181	172	163	154	146	137	129	120	111	103	94	77	59	42	25	7											
T20021	2	0	—	—	—	15.0	14.8	14.6	14.3	14.1	13.9	13.7	13.5	13.3	13.0	12.8	12.6	12.1	11.5	10.8	9.9	9.0	7.6	6.2	4.4											
		20	—	14.9	14.7	14.4	14.2	14.0	13.8	13.6	13.4	13.2	13.0	12.8	12.5	12.3	12.1	11.4	10.6	9.8	8.8	7.4	6.0	2.1												
		30	—	15.1	14.9	14.7	14.4	14.2	14.0	13.8	13.6	13.4	13.2	12.9	12.7	12.5	12.3	12.0	11.7	10.9	10.2	9.3	7.9	6.6	5.0	1.5										
		40	—	15.1	14.9	14.6	14.4	14.2	14.0	13.8	13.6	13.3	13.1	12.9	12.7	12.5	12.3	12.0	11.6	11.3	10.5	9.7	8.6	7.2	5.8	3.7										
		50	15.0	14.8	14.6	14.4	14.2	14.0	13.7	13.5	13.3	13.1	12.9	12.6	12.4	12.2	12.0	11.6	11.2	10.8	10.0	9.1	7.7	6.4	4.7											
		60	14.8	14.6	14.4	14.1	13.9	13.7	13.5	13.3	13.1	12.8	12.6	12.4	12.2	11.9	11.5	11.2	10.8	10.4	9.5	8.3	7.0	5.5	3.1											
Shut-off PSI			300	292	283	274	266	257	248	240	231	222	214	205	196	188	179	170	162	153	136	119	101	84	67	49	32	15								
T30027	3	0	—	—	—	—	—	—	—	—	—	—	—	—	15.1	14.9	14.7	14.6	14.4	14.0	13.6	13.1	12.7	12.2	11.6	10.8	10.1	9.4	8.4	7.4	6.3	4.9				
		20	—	—	—	—	—	—	—	—	—	—	—	15.0	14.8	14.7	14.5	14.3	14.1	13.9	13.5	13.0	12.6	12.1	11.4	10.7	10.0	9.3	8.3	7.2	6.2	4.6				
		30	—	—	—	—	—	—	—	—	—	—	15.0	14.8	14.7	14.5	14.3	14.1	13.9	13.7	13.2	12.8	12.3	11.8	11.0	10.3	9.6	8.7	7.6	6.6	5.3	3.2				
		40	—	—	—	—	—	—	—	—	15.1	15.0	14.8	14.6	14.4	14.3	14.1	13.9	13.7	13.4	13.0	12.5	12.1	11.3	10.6	9.9	9.1	8.1	7.0	6.0	4.2					
		50	—	—	—	—	—	—	15.1	15.0	14.8	14.6	14.4	14.2	14.1	13.8	13.6	13.4	13.2	12.7	12.3	11.6	10.9	10.2	9.5	8.6	7.5	6.4	5.1	2.3						
		60	—	—	—	—	—	15.1	14.9	14.8	14.6	14.4	14.2	14.0	13.8	13.6	13.4	13.1	12.9	12.4	12.0	11.2	10.5	9.8	9.0	7.9	6.9	5.8	3.9							
Shut-off PSI			392	384	375	366	358	349	340	332	323	314	306	297	288	280	271	262	254	245	228	211	193	176	159	141	124	107	89	72	55	37	20			